



Key Features

Up to 200-Ton Load Capacity

Supports loads up to 200 tons for heavy equipment access and ground protection.

Interlocking Connection System

Fast-install connection system for secure panel alignment and reduced setup time.

Oversized Panel Options

Large panel sizes up to 6000 × 2000 mm for maximum coverage and stability.

UHMWPE Material

UHMWPE materials with excellent wear resistance, impact strength, and 100% recyclable properties.

Anti-Slip Surface Patterns

Anti-slip traction surfaces improve grip on muddy and unstable ground.

Custom Manufacturing Support

Custom sizes, colors, logos, and connection options available.

Key Application

Construction Sites

Stable access on soft and uneven terrain.

Temporary Access Roads

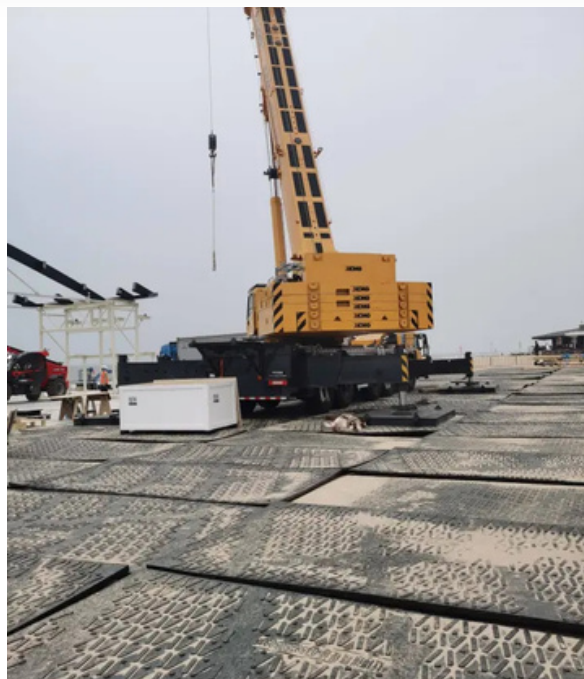
Durable roadways for heavy equipment movement.

Crane & Outrigger Support

Reliable support for cranes and lifting operations.

Oil & Gas Projects

Ground stabilization for demanding work sites.



Utility & Pipeline

Safe vehicle access in remote project areas.

Mining & Infrastructure

Heavy-duty ground protection for large-scale projects.

Product Data Sheet

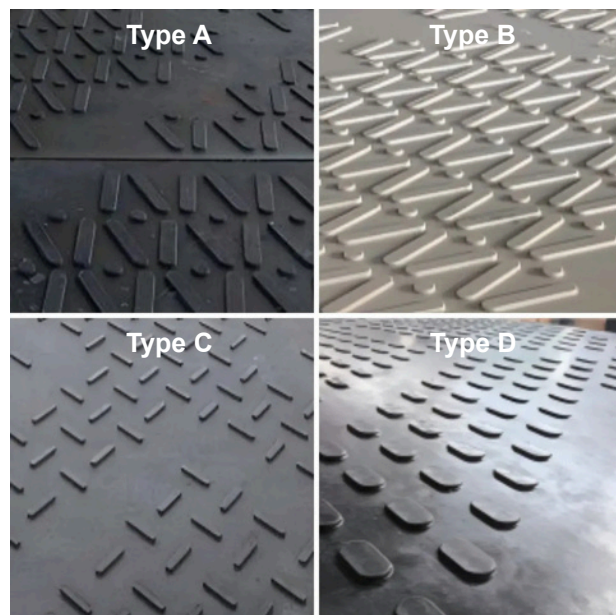
MODEL	LENGTH	WIDTH	THICKNESS	WEIGHT	MAX LOAD	Qty/40 ft
RR-GM-3000x2500-38.0	3000 mm / 9.8 ft	2500 mm / 8.2 ft	38 mm / 1.5 in	292 Kg / 645 lbs	130 tons	78
RR-GM-4000x2000-38.0	4000 mm / 13.1 ft	2000 mm / 6.5 ft	38 mm / 1.5 in	312 Kg / 687 lbs	130 tons	80
RR-GM-6000x2000-40.0	6000 mm / 19.7 ft	2000 mm / 6.5 ft	40 mm / 1.6 in	490 Kg / 1080 lbs	150 tons	80
RR-GM-6000x2000-80.0	6000 mm / 19.7 ft	2000 mm / 6.5 ft	80 mm / 3.2 in	990 Kg / 2182 lbs	200 tons	25

- Load ratings are provided as reference values under firm, dry, level, and stable ground conditions. Actual performance may vary depending on ground conditions, load distribution, equipment type, and operating environment.
- Other sizes and thicknesses are available upon request.

Quality Assurance

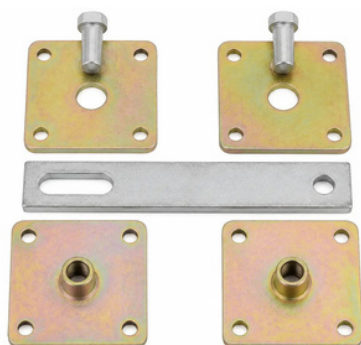
- Incoming raw material inspection.
- Dimensional verification during production.
- Pre-shipment inspection and verification support.
- Material test reports available upon request.
- Third-party testing services such as SGS available if required.
- Custom quality control support for project requirements.

Surface Pattern Options

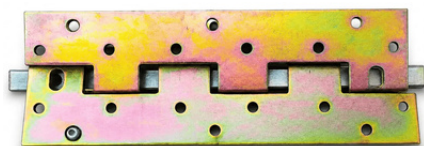


Multiple surface textures are available for different ground conditions.

Connectors



Bolt Connector



Interlocking Hinge Connector

Typical Ground Mat Connector Installations

